

Converting Colors

Hex(4D9F3E)

Have a look what the booklet for
Hex(4D9F3E) contains.

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Color

Hex(4D9F3E)

Conversions

Conversions Part 1

Format	Color
Hex	4D9F3E
RGB	77, 159, 62
RGB Percent	30%, 62%, 24%
CMY	0.6980, 0.3765, 0.7569
CMYK	0.52, 0.00, 0.61, 0.38
HSL	111°, 44%, 43%
HSV	111°, 61%, 62%
XYZ	16.3282, 26.7219, 8.8547
YIQ	123.4240, -17.7350, -47.5510

Conversions

Conversions Part 2

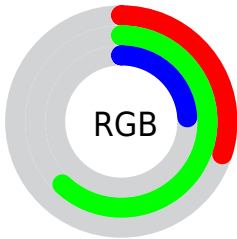
Format	Color
RYB	62, 159, 144
Decimal	5087038
CIELab	58.72, -44.10, 42.17
CIElCh	59, 61.018, 136.281
Yxy	26.7219, 0.3146, 0.5148
Android (android.graphics.Color)	4283277118 (0xFF4D9F3E)
YUV	123.4240, -30.2820, -40.7138
Hunter-Lab	51.6932, -34.0807, 26.0293

Details

The Hex color **4D9F3E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **903E9F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **84D671**, and **096B07** is the 20% darker color. If you saturate the color by 10%, you get **409F2E**, and if you desaturate by 10%, it is **5A9F4E**.

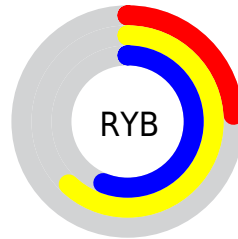
Distribution



Red (30%)

Green (62%)

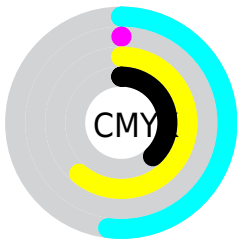
Blue (24%)



Red (24%)

Yellow (62%)

Blue (56%)

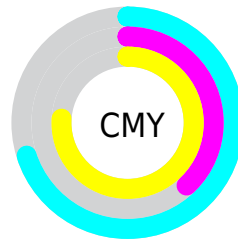


Cyan (52%)

Magenta (0%)

Yellow (61%)

Black (38%)



Cyan (70%)

Magenta (38%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9F3E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4D9F3E by changing the saturation by 10% instead.



4D9F3E



4D9F3E

FFFFFF



308425



84D671



096B07



A0F38B



005200



BDFFA6



003A00



DAFFC2



002500



F7FFDE



000000



FFFFFFB



4D9F3E



4D9F3E



409F2E



5A9F4E

 329F1E

 689F5E

 259F0E

 759F6E

 199F00

 839F7E

 909F8E

 9E9F9D

 AB9FAD

 B99FBD

 C69FCD

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8D9415



4D9F3E



00A572

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4D9F3E



009AF5



EE5A72

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4D9F3E



903E9F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E15DA8



4D9F3E



5B89F4

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4D9F3E



00A4DA



B572D8



DF6C41

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4D9F3E



00A697



B572D8



ED5884

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4D9F3E



AFCFA9



9F8F3E



556952



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4D9F3E



4FCF38



3E9F5E



484F47



168F00



020F00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



903E9F



B738CF



9F3E7F



4E474F



79008F



0D000F

Previews

White Background



This preview shows how the Hex color 4D9F3E looks on a white background.

Color Contrast Check

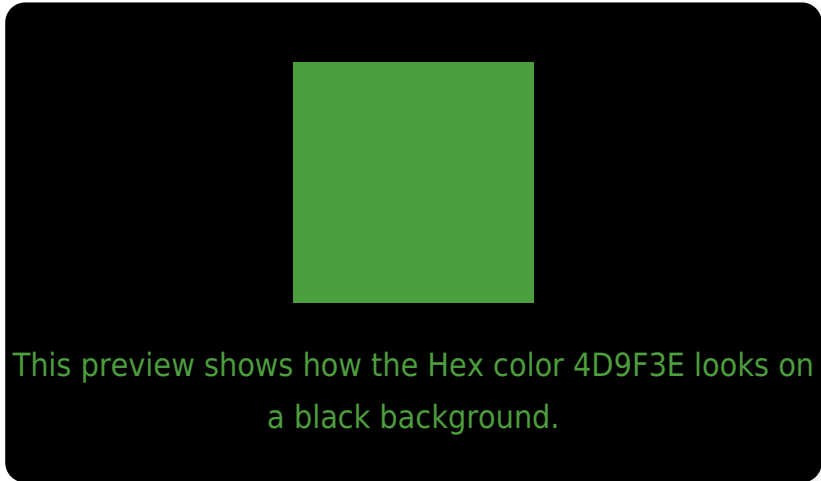
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D9F3E Background



This preview shows how black text looks on a background with the Hex color 4D9F3E.



This preview shows how white text looks on a background with the Hex color 4D9F3E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
4D9F3E

Protanopia
9C8D39

Deuteranopia
AD8645



Tritanopia
6195A1

Trichromacy



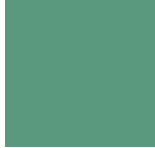
Original Color
4D9F3E



Protanomaly
7F943B



Deuteranomaly
8A8F42



Tritanomaly
5A997D

Monochromacy



Original Color
4D9F3E



Achromatopsia
7B7B7B



Achromatomaly
6A8865

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9F3E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4D9F3E looks like.

```
.text, #text, p{  
    color:#4D9F3E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4D9F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9F3E
}
```

Border

The CSS property to change the border of an element to Hex 4D9F3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

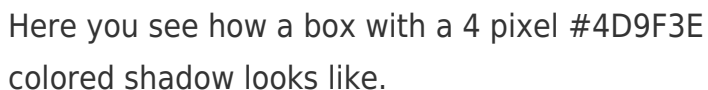
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D9F3E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4D9F3E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4D9F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9F3E; -webkit-box-shadow:4px 4px  
4px 4px #4D9F3E; box-shadow:4px 4px 4px  
4px #4D9F3E }
```

Background

The CSS property to change the background color of an element to Hex 4D9F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9F3E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4D9F3E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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